

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 3-5 and 7-9, and cancel claims 2 and 6, as set forth in the listing of claims that follows:

1. (Currently Amended) A transmission and torque limiting assembly for transmitting rotation from a drive to a compressor, said assembly comprising;

a driven member for rotation by the drive about an axis,

a drive member disposed about and coaxial with said driven member,

a mechanism for transmitting rotation from said ~~driven~~ drive member to said ~~drive~~ driven member and for disengaging said drive member from said driven member in response to a predetermined reactive force between said members,

said mechanism including posts axially extending from said drive member, ~~cams presented by said driven member~~ and spring arms extending resiliently and spirally from said ~~drive~~ driven member and including cams pivotally attached to distal ends thereof for engaging said ~~cams~~ posts for transmitting rotation ~~from~~ to said driven member ~~to from~~ said drive member, said spring arms ~~and for~~ resiliently moving radially to allow said ~~distal ends~~ cams to release from said posts ~~spring past said cams~~ in response to the predetermined reactive force.

2. (Cancelled)

3. (Currently Amended) A torque limiting assembly as recited in claim 2 and including a pivot pivotally connecting one of said cams ~~cam followers~~ to each of said distal ends.

4. (Currently Amended) A torque limiting assembly as recited in claim 3 and including a stop pin carried by each of said cams ~~cam followers~~ for reacting with the adjacent distal end to limit pivotal movement of each cams ~~cam followers~~ in one direction to maintain each cam ~~follower~~ in a locked position for permitting transmission of rotation ~~from to~~ said driven member ~~to~~ from said drive member and for allowing pivotal movement of each cam ~~follower~~ out of said locked position in response to the predetermined reactive force.

5. (Currently Amended) A torque limiting assembly as recited in claim 4 wherein each of said cams ~~cam followers~~ includes a recess for receiving a selected one of said ~~cams~~ posts for moving said cam ~~follower~~ out of said locked position.

6. (Cancelled)

7. (Currently Amended) A torque limiting assembly as recited in claim 6 wherein said ~~driven~~ drive member is a pulley with a planar face, said posts extending axially from said planar face.

8. (Currently Amended) A torque limiting assembly as recited in claim 7 wherein said ~~drive~~ driven member includes a hub coaxially disposed within said pulley, said spring arms integrally formed with said hub and extending radially and spirally between said hub and said posts for positioning said ~~cam-followers~~ cams to engage said posts.

9. (Currently Amended) A transmission and torque limiting assembly for transmitting rotation from a drive to a compressor, said assembly comprising;

a pulley having a planar face for rotation by the drive about an axis,

a ~~drive~~ driven member having a hub coaxially disposed within said pulley,

a plurality of ~~cam~~ posts extending from said planar face,

a plurality of spring arms integrally formed with said hub and extending radially and spirally therefrom to distal ends, and

a plurality of ~~cam followers~~ cams carried by said distal ends for engaging said posts for transmitting rotation from said pulley to said ~~drive~~ driven member and for causing said spring arms to resiliently move radially to allow said distal ends to spring said cams past said posts for disengaging said ~~drive~~ driven member from said pulley in response to a predetermined reactive force,

each of said ~~cam followers~~ cams including a pivot pivotally connecting said ~~cam followers~~ cam to a selected one of said distal ends,

a recess for receiving a selected one of said posts, and

a stop pin carried by each of said ~~cam followers~~ cams for reacting with said selected distal end for limiting pivotal movement of said ~~cam follower~~ cam in one direction to maintain said cam ~~follower~~ and said selected post in a locked position for permitting transmission of rotation from said pulley to said ~~drive~~ driven member and for allowing pivotal movement of said cam ~~follower~~ out of said locked position in response to the predetermined reactive force.